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Pikes Peak Nurseries

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Catalog and Planting Guide

No. 37 • SPRING 1957

•
Evergreens

•
Ornamental and
Deciduous Trees

•
Shrubs



Pikes Peak Nurseries

801 WATER STREET INDIANA, PA.

Office Telephone: Indiana 5-5696 • Nursery Telephone: Indiana 3-7747

Pikes Peak Nurseries
801 WATER STREET INDIANA, PA.

MEMBER OF —



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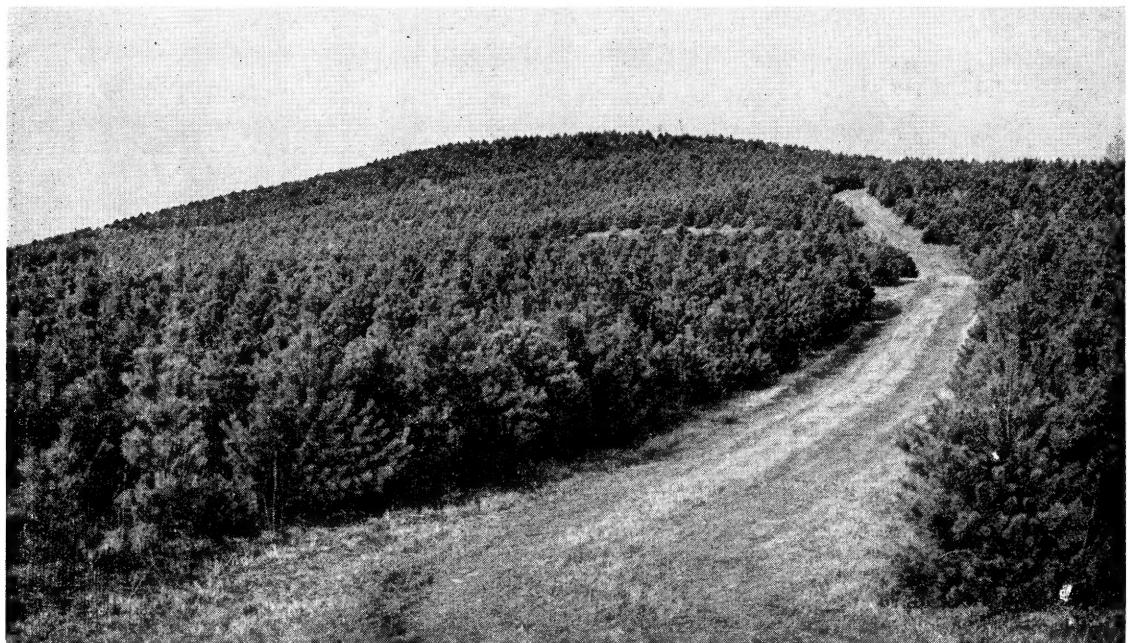
INDIANA COUNTY CHRISTMAS TREE GROWERS ASSOCIATION

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We exhibit every year at the Pennsylvania Farm Show in Harrisburg, Pennsylvania.
Stop by and examine our display.

CULTIVATED CHRISTMAS TREES



A SCOTCH PINE CHRISTMAS TREE PLANTATION. HARVESTING WILL BEGIN AFTER ANOTHER SEASON'S GROWTH.

Year by year we are becoming more conscious of cultivated Christmas trees. Today approximately 35,000,000 Christmas trees are sold across our nation, involving over \$150,000,000 in seasonal business. The demand will continue to grow with our constantly increasing population.

Here is an opportunity to make idle lands work for you. Untillable soil, uncultivated hilltops and slopes can be made to pay their way by planting Christmas trees, producing a cash crop instead of a tax burden.

There are many farms where such an application can be made. Aside from beautifying our country, soil erosion can be checked. We urge you to give Christmas tree culture serious consideration.

WHAT TO PLANT

Your market area will determine what species of trees to plant. Some areas require only one or two types of trees, others can dispose of a variety. In the large eastern market there is a great demand for good Scotch Pine.

American Red Pine, Austrian Pine, White Pine, Norway Spruce, White Spruce, Douglas Fir and Balsam Fir are also popular.

Do a little checking in your Christmas tree market before planting.

Grow Several Types of Christmas Trees

If you are raising Christmas trees by the acre, diversify your planting. Plant a variety of trees with the long needled pine predominating. A good stand would be approximately 75% pine and 25% spruce and fir.

Pines will develop into marketable trees in 6 to 7 years. Spruces and Firs are slower, requiring 8 to 10 years.



WHEN TO PLANT

Best results are obtained from Spring planting, March 15 to May 31. Fall planting, September 1 to October 31, is less successful in our area.

Your local weather conditions should govern the time you plant, but generally speaking, Spring is best. In Fall planting, greater care must be taken to see that the soil is tightly packed about the roots when planted or successive freezes and thaws will heave or expose the tree roots to air and the tree will die. Consult your local County or District Agricultural Agent or State University or State Department of Forestry for further information.

SPACING TREES FOR GOOD GROWTH

Systematic planting is essential for growing good Christmas trees. Proper spacing enables the trees to develop without interference from each other and to grow into good bushy specimens. Generally speaking, Spruces require less room than Pines.



We recommend the following spacing for good Christmas trees:

1. Pines — 6'x6', approximately 1200 trees per acre.
2. Spruces and Firs — 5'x5', approximately 1700 trees per acre.
3. Forest or Timber trees — 15'x15', or more when no thinning is contemplated. Where thinning is planned, trees can be spaced closer.

SPACING CHART

Spacing in Feet	No. of Trees Required Per Acre
3 by 3	4,840
4 by 4	2,722
5 by 5	1,742
6 by 6	1,210

HOW TO PLANT

Soil Preparation — It is not necessary to prepare the soil before planting. The added expense is not justified, and the grass and weeds prove a benefit in conserving moisture during the first two growing seasons. Do not use fertilizer. Remember to plant the Pines in the less fertile soil, Firs and Spruces in the better soil.

Tools — A mattock is the best tool for digging holes in hard shaley soil. If the soil is soft and rock free, a bar or spade planter can be used. This planter will eliminate a great deal of stooping. Seedlings or transplants should be carried in a bucket of thin muddy water with the roots kept covered at all times. Stakes or markers should be used for marking the rows.

Hand Planting — Line out your rows with markers so your digger will have a guide to follow. Step off spacing between trees as you plant.

In a small planting, a team of three works successfully — one man to dig holes, the other two to follow planting trees. Planters should pack soil tightly around the plant by using the "heel" of the shoe.

Large plantings can be done successfully with a ten-man crew—three men in parallel lines making holes, each followed by two men planting trees. The tenth man should

follow the crew, replenishing the plant pails, watching the spacing and keeping the crew moving.

Hand planting crews should average approximately 1,000 trees per man per 8 hour day.

Machine Planting — This method is used economically where large areas are to be planted. The terrain will determine the advisability of its use because it will be difficult to operate in extremely hilly areas. In machine planting a crew of three men works to the best advantage—one man to drive the tractor, one to operate the tree planter and one to follow checking to see if the trees are correctly planted. A three-man crew can plant approximately 8,000 to 10,000 trees per 8 hour day.

CARE AFTER PLANTING

After your trees are planted you should inspect them several times a year to see how they are growing. Normally, you should expect some loss from your planting and you can replace them in the Fall or the following Spring. Keep the brush from growing around your trees, and if the grass and weeds become too prominent after your trees start to grow, it is best to mow. This will let the lower branches of the trees develop and allow you to harvest your trees as early as possible. Sometimes double shoots or leaders develop on a tree and one of these must be removed so a normal top will develop. Also inspect for disease, and if anything looks irregular consult with your County or District Agricultural Agent or State University or State Department of Forestry.

SHEARING

This is one of the most important steps in developing a good Christmas tree. Very few trees grow perfectly. Shearing is the process by which you control the growth and shape of the tree. All the Pines require shearing; Firs and Spruces do also, but to a lesser degree.

Pines should be sheared before the new growth becomes tough and woody. This will allow new buds to form where the tree has been cut. In our area Pines should be sheared during late June and early July. Firs and Spruces can be successfully sheared later in the summer. However, your locality and weather conditions will determine at which time you shear. Consult with your local County or District Agricultural Agent and attend shearing demonstrations to see how shearing is done.

Shearing or pruning should be done every year you have excessive growth of the terminal or leader shoots. This will determine the distance between branches of your tree and eliminate unsightly gaps in the growth. Keep your new growth between 10" to 14" each year. Don't wait until the third or fourth year to begin shearing. Do it when excessive tree growth requires it. The side branches should also be sheared so as to develop a symmetrical bushy tree. Shear so your tree will have a nice conical shape.

Excessive growth of the terminal shoot during the harvest year should be sheared early so the tree can heal over and develop new buds.



HARVESTING AND SELLING YOUR TREES

All the trees in your plantation will not reach the same size at once. Harvesting will continue for several years. After your final harvest you should plan to replant.

During your harvest years you will be confronted with the problem of how to sell your trees. This can be done in several ways.

1. Sell direct to the retail trade in your area.
2. Sell either cut or on the stump in blocks to wholesale dealers.
3. Sell delivered to the city market.

If you sell to the wholesale trade place a "For Sale" advertisement in the city newspaper nearest you, advertising the fact that you are selling "Sheared, Cultivated Christmas Trees."

Always require a cash deposit with orders and final cash settlement upon delivery. Sell only for cash or certified check.

PLANT A GARDEN NURSERY

You can save money and develop an interesting hobby by planting a garden nursery.

As you know, most trees and shrubs are quite expensive when purchased as specimen plants. However, when purchased as seedlings or small transplants they are quite moderate in cost. By allotting a small space in your garden for this purpose you can grow trees and shrubs for your own landscaping use and save money. You will find it a most interesting and absorbing hobby. Normally, trees and shrubs require a minimum of care and you will derive a great deal of pleasure from watching them grow.

EXPLANATION OF CATALOG TREE AGES

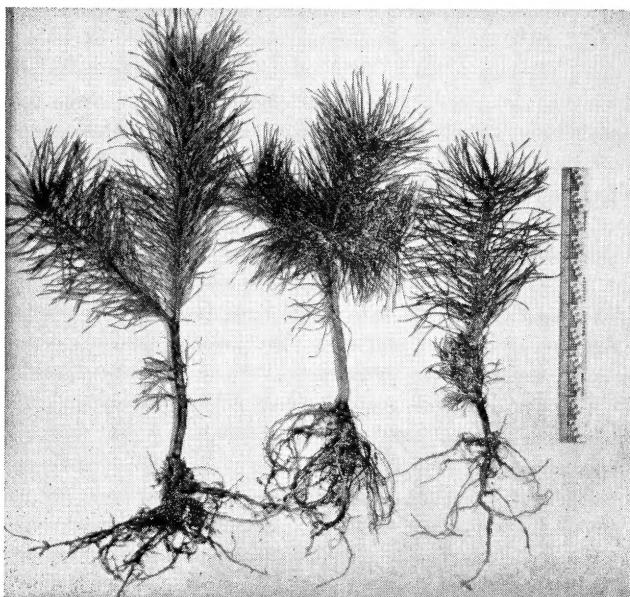
You will note that throughout the catalog the ages of the seedlings and transplants are stated by years followed by figures in parenthesis. For example.

2 Yr. Seedlings, (2-0) — This means the seedling has grown in its original bed for 2 years.

3 Yr. Transplants, (2-1) — This means the seedling has grown in its original bed for 2 years, then transplanted and grown in a new bed for 1 year.

4 Yr. Transplants, (2-2) — This means the seedling has grown in its original bed for 2 years, then transplanted and grown for 2 years in another bed.

The purpose of transplanting is to develop a better root system so the plant will withstand the shock of transplanting. Note the root systems on the Scotch Pine (Austrian Hill Strain) transplants and seedling.



2-2

2-1

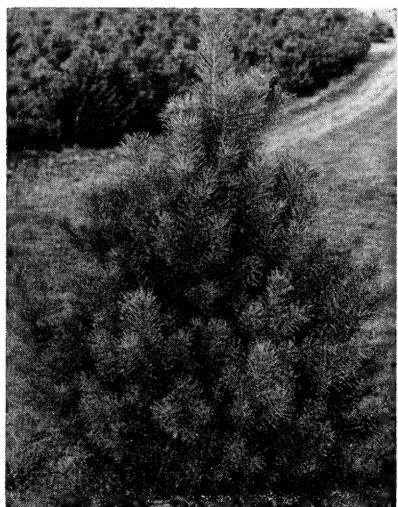
2-0 1 Ft. Rule

CARE OF PLANTS WHEN RECEIVED

When you receive your plants, remove all the packing material and place the roots in a bucket of water. Plant immediately. If you are unable to do this, "heel" in the plants by digging a trench in a shaded area and covering the roots with dirt. Pack tightly so as to exclude all air. Water if necessary, then plant just as soon as possible. Remember to keep the roots moist at all times.

Pikes Peak Nurseries

INDIANA, PENNA.



SCOTCH PINE (*Pinus sylvestris*)

Pyramidal in habit. Evergreen, rigid blue green needles, 2 in cluster, 1½" to 3" long. Bears cones at maturity, 1½" to 2½" long.

Very hardy. Grows well in most kinds of soil, heavy clay to sand. Easily transplanted. Fastest grower of the pines.

Popular Christmas tree, good ornamental, shade, windbreak and pulpwood.

Austrian Hill Strain	Per 100	Per 1000
2 Yr. Seedlings (2-0) 2"-4"	\$ 3.00	\$ 15.00
2 Yr. Seedlings (2-0) 4"-6"	5.50	30.00
3 Yr. Seedlings (3-0) 10"-15"	7.50	50.00
3 Yr. Transplants (2-1) 3"-6"	9.00	60.00
3 Yr. Transplants (2-1) 5"-10"	10.00	70.00
Riga Rigensis Strain		
2 Yr. Seedlings (2-0) 2"-4"	3.00	15.00
2 Yr. Seedlings (2-0) 4"-5"	5.50	30.00

AMERICAN RED PINE (*Pinus resinosa*)

Pyramidal in habit. Evergreen, slender dark green needles, flexible and sharply pointed, 2 in cluster 5" to 6" long in tufts. Bears cones at maturity 1½" to 2½" long.

Very hardy. Grows well in a variety of soils, but best in light, sandy soil in sunny location. Rapid grower.

Popular Christmas tree, good ornamental, wind-break and timber.

	Per 100	Per 1000
2 Yr. Seedlings (2-0) 2"-4"	\$ 5.00	\$ 25.00
3 Yr. Seedlings (3-0) 4"-8"	6.00	35.00

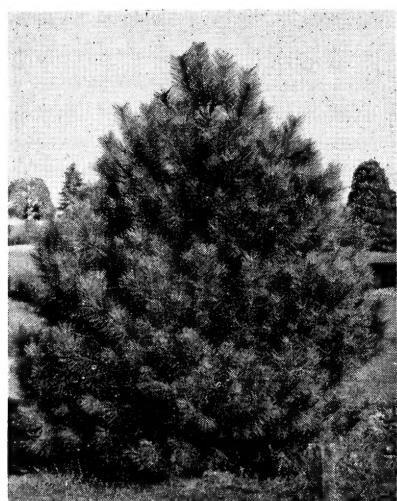


AUSTRIAN PINE (*Pinus nigra*)

Pyramidal in habit. Evergreen, stiff, dense dark-green needles, 2 in cluster, 3½" to 6" long. Bear cones at maturity 2" to 3" long.

Very hardy. Grows well in variety of soils. Tolerant to dust and smoke. Rapid grower.

Popular Christmas tree, good ornamental, wind-break, erosion control and timber.



	Per 100	Per 1000
2 Yr. Seedlings (2-0) 3"-4"	\$ 5.00	\$ 25.00
3 Yr. Seedlings (3-0) 4"-9"	6.00	35.00
3 Yr. Seedlings (3-0) 6-12"	6.50	40.00
3 Yr. Transplants (2-1) 3"-6"	7.50	50.00



WHITE PINE (*Pinus strobus*)

Pyramidal in habit. Evergreen, soft slender blue green needles, 5 in cluster, 2½" to 5" long. Bears cones at maturity 4" to 8" long.

Hardy. Grows well in variety of soils, but best in light sandy soil with moisture and sunlight. Rapid grower.

Fine Christmas tree, good ornamental, shade, wind-break and timber.

	Per 100	Per 1000
No seedlings or transplants available this year.		

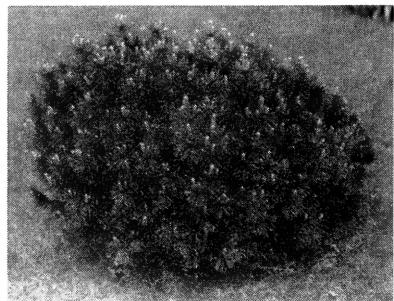
MUGHO PINE (*Pinus mugo*) Pumilio var. from true dwarf Tyrolean seed.

Dwarf compact bush pine. Evergreen, stiff dark green needles, 2 in cluster, ¾" to 2" long. Bears cones at maturity 1" to 1½" long.

Very hardy. Grows well in a variety of different soils and exposures. Needles do not brown. Easily transplanted.

Excellent ornamental for low lawn and hedge plantings. Shape and control by shearing.

	Per 100	Per 1000
3 Yr. Seedlings (3-0) 3"-5"	\$ 6.00	\$ 35.00
3 Yr. Transplants (2-1) 3"-5"	9.50	65.00
4 Yr. Transplants (2-2) 4"-8"	12.00	90.00
5 Yr. Transplant (3-2) 6"-10"	13.00	100.00



PITCH PINE (*Pinus rigida*)

Pyramidal in growth when young. Evergreen, stiff, dark yellow green needles, 3 in cluster, 3" to 6" long. Bears cones at maturity 1½" to 3" long.

Very hardy. Will grow in a variety of soil and climate conditions. Rocky to sandy soil. Best grown with mixture of hardwoods. Slow grower.

Picturesque landscape tree when adult. Plant on spoil banks and sandy areas for cover.

	Per 100	Per 1000
3 Yr. Seedlings (3-0) 10"-15"	\$ 5.00	\$ 25.00

PONDEROSA PINE (*Pinus ponderosa*) (Western Yellow Pine)

Pyramidal in habit. Evergreen, stout dark green needles, 2 and 3 in cluster, 4" to 7" long. Bears cones at maturity 3" to 6" long.

Hardy in sunny, sheltered positions. Does best in well-drained clay and sand soils of slope or ravine. Slow grower in early years.

Ornamental and timber.

	Per 100	Per 1000
2 Yr. Seedlings (2-0) 3"-5"	\$ 5.00	\$ 25.00

COLORADO BLUE SPRUCE (*Picea pungens*)

From Blue seed trees.

Pyramidal in habit. Evergreen, spiny rigid curved needles, varying from light green to bluish green or silvery white, $\frac{3}{4}$ " to $1\frac{1}{8}$ " long. Bears cones at maturity $2\frac{1}{2}$ " to 4" long.

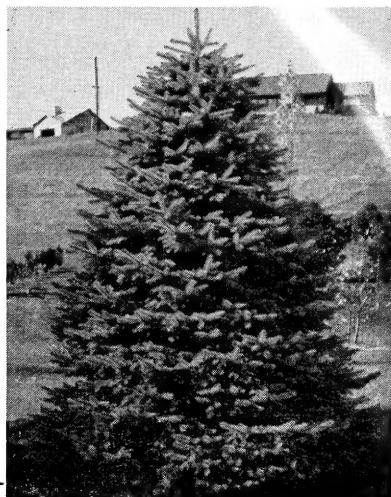
Very hardy. Grows well in a variety of soils.

Popular ornamental, Christmas tree and windbreak.

State tree of Colorado and Utah.

Bed-run—greens to blues.

		Per 100	Per 1000
2 Yr. Seedlings (2-0)	3"- 5"	\$ 5.00	\$ 25.00
3 Yr. Seedlings (3-0)	4"- 7"	6.00	35.00
3 Yr. Transplants (2-1)	3"- 6"	10.00	70.00
4 Yr. Transplants (2-2)	5"-10"	15.50	120.00



Special Offer

PLANT OFFER NO. 5

COLORADO BLUE SPRUCE

20 — Selected Colorado Blue Spruce for specimen planting.

5 Yr. 6"-12" — SPECIAL

\$10.00

No C.O.D.'s Cash with order. All stock shipped bare root, packed in damp moss. Shipped postpaid.

NORWAY SPRUCE (*Picea abies*)

Pyramidal in habit. Evergreen, sharp shiny dark green needles, 4-angled, $\frac{3}{8}$ " to 1" long. Spreading branches and drooping twigs. Bears cones at maturity 4" to 6" long.

Very hardy. Grows best in moist cool climate; prefers well-drained loam, but is successful in most other soils. Rapid grower.

Christmas tree, ornamental, windbreak, pulpwood and timber.

		Per 100	Per 1000
2 Yr. Seedlings (2-0)	4"- 8"	\$ 5.50	\$ 30.00
3 Yr. Seedlings (3-0)	8"-14"	6.50	40.00
3 Yr. Transplants (2-1)	4"-10"	7.50	50.00
4 Yr. Transplants (2-2)	5"-10"	9.00	60.00
4 Yr. Transplants (3-1)	5"-12"	9.00	60.00
5 Yr. Transplants (3-2)	8"-15"	11.00	80.00
6 Yr. Transplants (3-3)	12"-18"	Special 13.00	100.00



Special Offer

PLANT OFFER NO. 4

NORWAY SPRUCE

25 — Selected Norway Spruce for hedge or specimen planting.

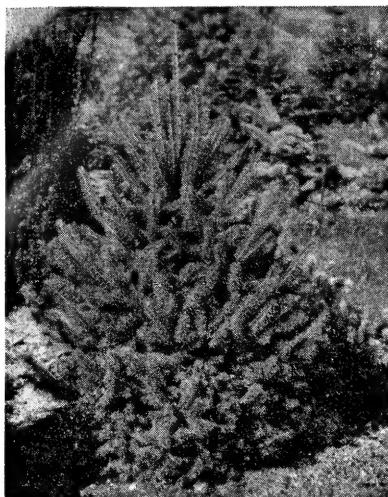
6 Yr. 15"-20" — SPECIAL

\$15.00

No C. O. D.'s Cash with order. All stock shipped bare root, packed in damp moss. Shipped postpaid.

Pikes Peak Nurseries

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WHITE SPRUCE (*Picea glauca*)

Pyramidal in habit. Evergreen, short bluish green needles, 4-angled, $1/3"$ to $3/4"$ long. Bears cones at maturity $1\frac{1}{2}"$ to $2"$ long.

Very hardy. Grows best in moist cool climate; prefers well-drained loam, but is successful on most other soils. Rapid grower.

Christmas tree, ornamental, windbreak, pulpwood and timber.

		Per 100	Per 1000
2 Yr. Seedlings (2-0)	3"- 7"	\$ 5.00	\$ 25.00
3 Yr. Seedlings (3-0)	5"-12"	6.50	40.00
3 Yr. Transplants (2-1)	3"- 7"	7.50	50.00
4 Yr. Transplants (2-2)	5"-10"	11.00	80.00
4 Yr. Transplants (2-2)	8"-16"	13.00	100.00
5 Yr. Transplants (3-2)	8"-15"	15.50	120.00

Special Offer

PLANT OFFER NO. 8

WHITE SPRUCE

25 — Selected White Spruce 6 Yr. 10"-18" — SPECIAL \$12.50

No C. O. D.'s. Cash with order. All stock shipped bare root, packed in damp moss. Shipped postpaid.

BLACK HILLS SPRUCE (*Picea glauca var. densata*)

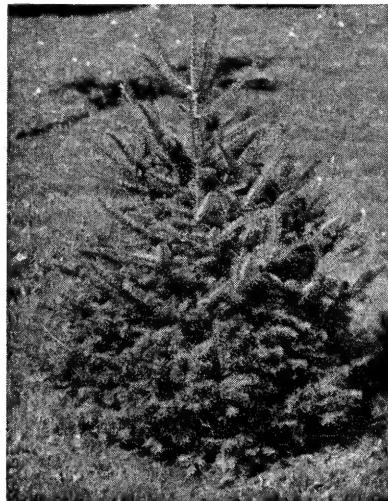
Pyramidal in habit. Evergreen, sharp, fresh green to bluish green needles, $1/3"$ to $3/4"$ long. Bears cones at maturity $1\frac{1}{2}"$ to $2"$ long.

Very hardy, withstanding severe climates. Grows well in a variety of soils. Slow grower.

Ornamental and windbreak.

3 Yr. Seedlings (3-0) 3"-6"

Per 100	Per 1000
\$ 6.00	\$ 35.00



BALSAM FIR (*Abies balsamea*)

Pyramidal in habit. Evergreen, flat round tip needles, dark green, $\frac{5}{8}"$ to $1"$ long. Bears upright cones at maturity $1\frac{1}{2}"$ to $2\frac{1}{2}"$ long.

Will grow in cool, moist, sheltered locations and in swampy areas. Does best in areas north of Pennsylvania.

Fragrant Christmas tree, good ornamental, pulpwood and timber.

4 Yr. Transplants (2-2) 4"-6"

Per 100	Per 1000
\$ 11.00	\$ 80.00

DOUGLAS FIR (*Pseudotsuga taxifolia*)

Pyramidal in habit. Evergreen, short-stalked flat needles, dark green or bluish green, $\frac{3}{4}$ " to $1\frac{1}{4}$ " long. Bears cones at maturity 2" to 4" long.

Hardy. Grows well in a variety of soils, but best in moist, deep well-drained soil. Will stand part shade. Rapid grower.

Christmas tree, beautiful ornamental, windbreak, erosion control and timber.

From Winter Hardy Colorado Seed (Blue)	Per 100	Per 1000
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2 Yr. Seedlings (2-0) 3"-5"	\$ 5.00	\$ 25.00
3 Yr. Seedlings (3-0) 4"-8"	6.00	35.00

From Winter Hardy Columbia Seed (Gray)	Per 100	Per 1000
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2 Yr. Seedlings (2-0) 4"-7"	\$ 5.50	\$ 30.00
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JAPANESE LARCH (*Larix kaempferi*)

Deciduous — loses needles in the fall. Pyramidal in habit. Soft, light bluish-green needles, $\frac{1}{2}$ " to $1\frac{3}{4}$ " long. Bears cones at maturity $\frac{1}{2}$ " to $1\frac{1}{2}$ " long.

Hardy. Grows well in a variety of soils. Rapid grower. Desirable ornamental, timber.

2 Yr. Seedlings (2-0) 6"-12"	Per 100	Per 1000
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\$ 6.50

\$ 40.00

EUROPEAN LARCH (*Larix decidua*)

Deciduous — loses needles in the fall. Pyramidal in habit. Soft, bright green needles $\frac{3}{4}$ " to $1\frac{1}{2}$ " long. Bears cones at maturity $\frac{3}{4}$ " to $1\frac{1}{2}$ " long.

Very hardy. Grows well in variety of soils. Best in light sandy soil. Rapid grower.

Ornamental and timber.

3 Yr. Seedlings (3-0) 12"-20"	Per 100	Per 1000
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\$ 7.50	\$ 50.00
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Special Offer!

PLANT OFFER NO. 1

25 TRANSPLANTS

5—Austrian Pine or Scotch Pine

5—Japanese Black Pine or Red Pine

5—Norway Spruce

5—White Spruce

5—European Larch (Deciduous)

All selected nursery grown trees 3-5 years old. These plants will develop into nice trees in a few years.

\$ 5.00

No C. O. D.'s. Cash with order.
All stock shipped bare root, packed in damp moss. Shipped postpaid.

Pikes Peak Nurseries

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Canadian Hemlock
Used as a Foundation Planting

CANADIAN HEMLOCK (*Tsuga canadensis*)

Pyramidal in habit. Foliage is gracefully slender, spray-like in appearance. Short flat needles varying from dark green to light green during growing season. Bears cones at maturity about 1" in size.

Very hardy. Grows well in a variety of soils. Prefers part shade but will do well in full shade or sun. Likes moisture. Shelter small plants from drying winds.

Handsome, graceful ornamental. Beautiful hedge if controlled by shearing.

State tree of Pennsylvania.

		Per 100	Per 1000
3 Yr. Seedlings (3-0)	4"-8"	\$ 9.00	\$ 60.00
4 Yr. Transplants (2-2)	4"-8"	15.50	120.00

See Plant Offer No. 6 for larger size selected trees, page 11.



American Arborvitae Hedge in the Making

AMERICAN ARBORVITAE (*Thuja occidentalis*)

Pyramidal in habit. Handsome evergreen foliage. Leaves are frond-like on flat branches, varying from dark green to light green during growing season. Bears cones at maturity about 1" in size.

Hardy. Easily transplanted. Grows well in variety of soils, but best in loamy, moist soil.

Favorite ornamental. Mixed plantings, hedges and windbreaks. Shear for dense hedge.

	Per 100	Per 1000
3 Yr. Seedlings (3-0) 4"-10"	\$ 6.00	\$ 35.00
3 Yr. Transplants (2-1) 4"- 7"	7.50	50.00
4 Yr. Transplants (2-2) 5"-10"	10.00	70.00

See Plant Offer No. 7 for larger size selected trees, page 11.

CHINESE ARBORVITAE (*Thuja orientalis*)

Similar to American Arborvitae but foliage is finer and lighter in color. Less hardy than American Arborvitae.

	Per 100	Per 1000
2 Yr. Seedlings (2-0) 3"-7"	\$ 6.00	\$ 35.00
3 Yr. Transplants (2-1) 4"-8"	7.50	50.00

PRICES AND SPECIFICATIONS IN THIS CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

Special Offer!

PLANT OFFER NO. 6 CANADIAN HEMLOCK

25 — Selected Canadian Hemlock for specimen or hedge planting.
5 Yr. 15"-20"—SPECIAL \$15.00
5 Yr. 8"-15"—SPECIAL \$12.50
 No C. O. D.'s. Cash with order. All stock shipped bare root, packed in damp moss. Shipped postpaid.

Special Offer!

PLANT OFFER NO. 7 AMERICAN ARBORVITAE

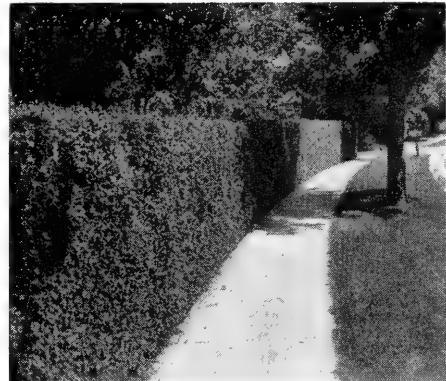
25 — Selected American Arborvitae for specimen or hedge planting.
5 Yr. 15"-25"—SPECIAL \$12.50
5 Yr. 8"-15"—SPECIAL \$10.00
 No C. O. D.'s. Cash with order. All stock shipped bare root, packed in damp moss. Shipped postpaid.

LIVING HEDGES

PRIVET — AMUR RIVER NORTH (*Ligustrum amurense*)

Best privet for northeastern climate. Extremely hardy and will withstand severe winters. Dark green foliage on upright branches. Pruning makes plant denser. Will grow to 10 feet. Control to desired height by pruning.

	Per 25	Per 50	Per 100
6-12 inch, 2 br.	\$ 3.50	\$ 6.00	\$ 10.00
12-18 inch, 2 br.	4.75	8.50	15.00



RED LEAF BARBERRY (*Berberis atropurpurea*)

Excellent as specimen plant or hedging. Red leaves in summer, red berries in fall. Needs sun for good color. Control by shearing.

	Per 25	Per 50	Per 100
2 Yr. Seedlings 12"-15"	\$ 6.00	\$ 11.00	\$ 20.00

GREEN LEAF BARBERRY (*Berberis thunbergii*) Not Illustrated.

Good for foundation planting and hedges.

	Per 25	Per 50	Per 100
2 Yr. Seedlings 12"-15"	\$ 4.75	\$ 8.50	\$ 15.00



MULTIFLORA ROSE (*Rosa multiflora japonica*)

A hardy, dense bushy growing plant with pinkish-white blooms in June followed by red berries in late summer and fall. Rapid grower, 2 to 3 feet per year. Approximate height, 10 feet. Used chiefly for fencing, snow barrier, erosion control and wild life shelter and food. Not suitable for city planting. Prune back to 6" after planting for dense growth. Plant 18" apart for hedge or fence, 3 to 4 feet for windbreak and 6 feet apart for conservation.

Conservation Grade 3MM and over. 10"-15"

Per 100	Per 1000
\$ 8.50	\$ 45.00

Pikes Peak Nurseries

INDIANA, PENNA.

FLOWERING TREES

WHITE FLOWERING DOGWOOD (*Cornus florida*)

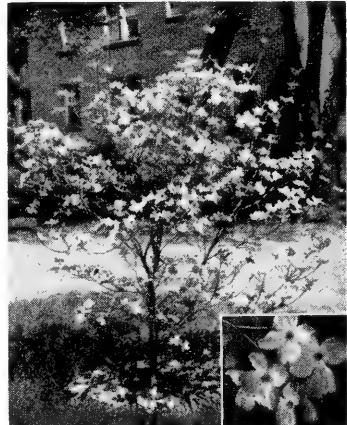
One of the most popular of our native trees. In early spring is covered with white-petaled flowers; in early fall with red berries and beautiful crimson leaves.

		Per 25	Per 50	Per 100
Seedlings	18"-24"	\$ 7.50	\$ 12.50	\$ 20.00
2 Yr. Transplants	2'-3'	25.00	45.00	80.00

PINK FLOWERING DOGWOOD (*Cornus florida rubra*) →

Popular, beautiful showy tree. Blooms in early spring and is covered with deep rose-petaled flowers. Good in a group or as a single specimen—looks well planted with white dogwood. Crimson leaves in fall.

	Each	Per 5	Per 10
2 Yr. 18"-24"	\$ 2.00	\$ 9.50	\$ 18.00
2 Yr. 2'-3'	2.50	12.00	23.00



HOPA CRAB (*Malus*)

Fragrant Pink. Hardy, half round tree. In early spring bronzy-red foliage followed by pink blossoms. Showy red apples during summer. Approximate height, 15 feet.

2 Yr. 2'-3' \$1.00 Each

ALMEY CRAB (*Malus*)

New! Fiery Crimson! An upright vigorous hardy tree doing well in almost any location. Blooms young, bearing small scarlet fruit that lasts well into the winter season. Approximate height, 15 feet.

2 Yr. 2'-3' \$1.95 Each

FLORIBUNDA CRAB (*Malus*)

Pink buds, rosy-white flowers, followed by small red fruit. Vigorous bloomer. Hardy, will withstand severe winters and droughts. Approximate height, 20 feet.

2 Yr. 2'-3' \$1.00 Each

Special Offer!

PLANT OFFER NO. 2 FLOWERING TREES

One each of the following:

Pink Dogwood 2'-3'

White Dogwood 2'-3'

Almey—New Crimson Crab 2'-3'

\$5.50

No C. O. D.'s. Cash with order. All stock shipped bare root, packed in damp moss. Shipped postpaid.

SPECIAL SHADE TREES

CRIMSON KING MAPLE (Plant Patent No. 735)

Beautiful ornamental shade tree similar to Schwedler maple in form. Originated in Europe. Unusual glistening red leaves maintaining their color throughout the summer.

2'-3'

\$2.95 Each

MORaine LOCUST (Plant Patent No. 836)

Ornamental, rapid growing, hardy shade tree. Adaptable to a wide range of soils. Fine foliage for cool shade, but permits sunlight to filter through for good lawn. Does not bear fruit or seed pods—a nice clean tree. Resistant to disease and insect damage. Approximate height, 50 feet.

5'-6' branched

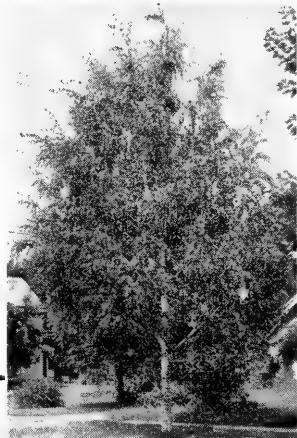
\$5.95 Each

EUROPEAN WHITE BIRCH (Betula alba)

Ornamental, hardy shade tree with graceful habit, noted for its bright green handsome foliage and white bark. Prefers moist, sandy and loamy soil, but will do well in poor soils. Good for lawn specimen or park planting.

4'-5', br.

\$2.45 Each



View of a portion of one of our Hemlock 3-2 transplant beds.

*Pikes Peak
Nurseries*

INDIANA, PENNA.

SHADE AND FOREST TREE SEEDLINGS

LOTS OF 50 AT THE 100 RATE, EXCEPT WHERE STATED

WHITE ASH (*Fraxinus Americana*)

GREEN ASH (*Fraxinus lanceolata*)

Hardy ornamental and timber tree. Rapid growing tree with broadly rounded or pyramidal crown. Rich green foliage turning to gold and purple in autumn. Grows in a variety of soils, but does best in well-drained fertile sites. Used for lawn, street and park plantings. Approximate height, White Ash 80 to 100 feet, Green Ash 50 to 60 feet.

	Per 100	Per 1000
Seedlings 18"-24"	\$ 6.50	\$ 35.00

AMERICAN BEECH (*Fagus grandifolia*)

Ornamental and forest tree. A large slow-growing tree with glossy, blue-green leaves. Bears edible nuts in bur in autumn. Food tree for birds and squirrels. Used as shade tree and for park plantings. Approximate height, 80 to 100 feet.

	Per 100	Per 1000
Seedlings 18"-24"	\$ 6.50	\$ 35.00



CHINESE ELM (*Ulmus pumila*)

Ornamental, hardy, rapid growing tree with small dense foliage. Makes a good shade tree in a few years. Also used for tall hedge or windbreak. Grows well in a variety of soils. Approximate height, 30 to 40 feet.

	Per 100	Per 1000
2 Yr. Seedlings 18"-24"	\$ 7.00	\$ 40.00

BLACK GUM (*Nyssa sylvatica*)

Ornamental and forest tree. A slow-growing conical-shaped tree with long narrow glossy green leaves turning to scarlet in autumn. Grows well in a variety of soils, swamps, bottom lands and moist uplands. Makes attractive ornamental tree. Approximate height, 60 to 80 feet.

	Per 100	Per 1000
2 Yr. Seedlings, br. 18"-24"	\$ 38.50	\$ 195.00

Pikes Peak Nurseries

INDIANA, PENNA.

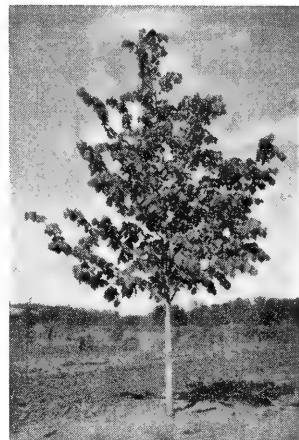
SHADE AND FOREST TREE SEEDLINGS

LOTS OF 50 AT THE 100 RATE, EXCEPT WHERE STATED

SWEET GUM (*Liquidamber styraciflua*)

Ornamental and forest tree. A moderate growing tree with glossy green, aromatic, star-shaped leaves. Leaves are beautiful in fall, turning to various scarlet, orange and yellow tints. Grows on high land, but best on rich, moist, fertile soil. Used for lawn and street plantings. Approximate height, 60 to 80 feet.

	Per 100	Per 1000
Seedlings 18"-24"	\$ 18.50	\$ 95.00



AMERICAN LINDEN (*Tilia americana*)

Ornamental and forest tree, known as basswood. Handsome, rapid-growing, compact tree with dull green heart-shaped leaves. Fragrant, cream-colored flowers. Adapts itself to a variety of soils. Used for street plantings. Approximate height, 50 to 75 feet.

	Per 100	Per 1000
Seedlings 18"-24"	\$ 14.50	\$ 75.00



THORNLESS HONEY LOCUST (*Gleditsia triacanthos inermis*)

Hardy, rapid-growing ornamental tree. Delicate, fresh green foliage. Greenish flowers in early summer, followed by large flat seed pods. Makes excellent lawn specimen, and is used in street plantings. Thrives in almost any soil. Approximate height, 80 feet.

	Per 100	Per 1000
Seedlings 18"-24"	\$ 5.50	\$ 30.00



SILVER MAPLE (*Acer dasycarpum*)

Ornamental, spreading, fast-growing tree. Leaves deeply cut, bright green above and silvery white underneath. Succeeds almost anywhere, but best in rich or moist soils. Yellow leaves in the fall. Approximate height, 100 feet.

	Per 100	Per 1000
Seedlings 18"-24"	\$ 7.50	\$ 40.00

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SHADE AND FOREST TREE SEEDLINGS

LOTS OF 50 AT THE 100 RATE, EXCEPT WHERE STATED

RED MAPLE (*Acer rubrum*)

Ornamental and forest tree. Large growing tree with attractive red flowers in early spring and attractive bright green foliage which turns bright scarlet or orange in autumn. Thrives in moist fertile soils. Valuable for street and park plantings. Approximate height, 60 to 90 feet.

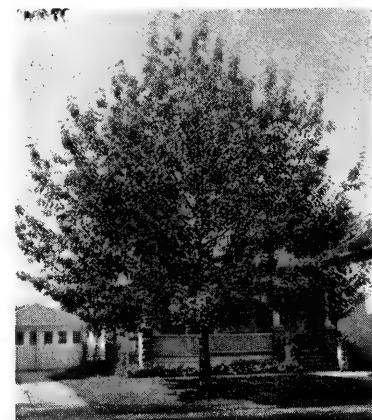


	Per 100	Per 1000
Seedlings 18"-24"	\$ 10.00	\$ 50.00

PIN OAK (*Quercus palustris*)

Ornamental, rapid growing shade tree. Forms symmetrical pyramidal head. Leaves are deeply cut, bright green above, light green beneath, turning to bright red in autumn. Prefers somewhat moist soil. Used for lawn specimens, street and avenue plantings. Approximate height, 80 feet.

	Per 100	Per 1000
2 Yr. Seedlings 18"-24"	\$40.00	\$ xxxx



RED OAK (*Quercus rubra*)

Ornamental and forest tree. Rapid growing tree with broad round head. Leaves are bright rich green turning to dark red in fall. Grows well in various sites, favoring light sandy or gravelly soils. Used for street and park plantings. Approximate height, 60 to 80 feet.

	Per 100	Per 1000
1 Yr. Seedlings 18"-24"	\$ 18.50	\$ 95.00



WHITE OAK (*Quercus alba*)

Chief of the Oaks. Ornamental and forest tree. A beautiful tall, spreading tree used in park plantings. Foliage turns deep red or violet-purple in fall. Prefers rich well-drained soil. Approximate height, 100 feet.

	Per 100	Per 1000
3 Yr. Seedlings 18"-24"	\$ 18.50	\$ 95.00

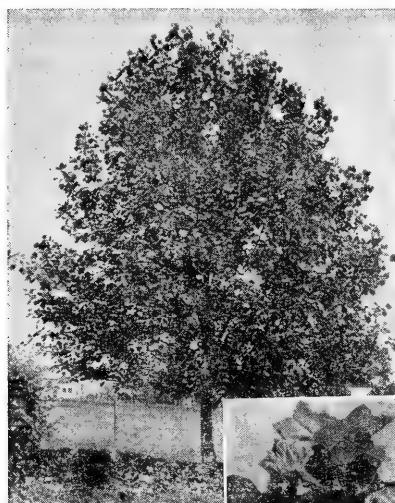
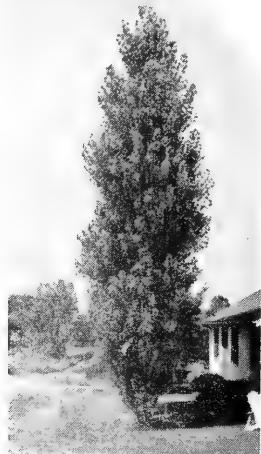
SHADE AND FOREST TREE SEEDLINGS

LOTS OF 50 AT THE 100 RATE, EXCEPT WHERE STATED

LOMBARDY POPLAR (*Populus nigra italicica*)

Ornamental, rapid growing tall narrow tree with light green small leaves. Used effectively along driveways or as a screen or windbreak. Thrives in almost any soil. Approximate height, 40 to 50 feet.

	Per 100	Per 1000
Cuttings 18"-24"	\$ 8.50	\$ 45.00



TULIP POPLAR (*Liriodendron tulipifera*)

A hardy ornamental and important forest tree, known as yellow poplar. Pyramidal in form and adaptable to park and avenue planting. Light green, glossy, fiddle-shaped leaves and greenish yellow tulip-shaped flowers. Grows best in deep, rich and somewhat moist soil. Approximate height, 80 to 100 feet.

	Per 100	Per 1000
Seedlings 18"-24"	\$ 7.50	\$ 35.00

WEEPING WILLOW (*Salix babylonica*)

Ornamental, fast growing tree with graceful, weeping foliage. Succeeds in most soils but likes moisture. Good lawn specimen, and is especially effective near pools and on river banks. Approximate height, 30 to 40 feet.

	Per 100	Per 1000
Seedlings 18"-24"	\$ 18.50	\$ 95.00



Pikes Peak Nurseries

INDIANA, PENNA.

NUT TREES

LOTS OF 50 AT THE 100 RATE, EXCEPT WHERE STATED

CHINESE CHESTNUT (*Castanea mollissima*)

Hardy, blight-resistant, fast-growing tree which will bear nuts slightly larger than the now extinct American Chestnut. Plant two or more trees for pollination. Approximate height, 30 to 35 feet.

		Per 100	Per 1000
2 Yr. Seedlings	18"-24"	\$ 85.00	\$ xxxx
Any multiple of 5 at the hundred rate.			



BLACK WALNUT (*Juglans nigra*)

Native nut tree of eastern United States. Medium size, round headed tree known chiefly for its edible nuts and prized for its fine wood in furniture construction. Grows in a variety of soils, but best in fertile, well-drained soil. Approximate height, 50 to 75 feet.

		Per 100	Per 1000
Seedlings	18"-24"	\$ 16.00	\$ 80.00
2 Yr. Transplants	2'-3'	24.00	120.00

Any multiple of 10 at the hundred rate.

Special Offer!

PLANT OFFER NO. 3

NUT TREES

2 — Chinese Chestnut
2 — Black Walnut

18"-24"
2'-3'

\$4.00

No C. O. D.'s. Cash with order. All stock shipped bare root, packed in damp moss. Shipped postpaid.

PENNSYLVANIA SALES TAX

Residents of Pennsylvania are subject to 3% sales tax on stock purchased from our Nursery, except on stock which is purchased for resale in its original form or for horticultural production (Christmas trees or ornamentals) in which case a sales tax exemption certificate should be mailed with your order.

Out-of-State purchasers taking delivery at our Nursery are also subject to 3% sales tax, but have the same benefit of exemption as Pennsylvania residents. Out-of-State purchasers ordering stock for shipment and delivery by common carrier are not subject to this sales tax.

TERMS

All prices are F.O.B. shipping point, Clymer and Indiana, Pa. Parcels will be sent Parcel Post or Express collect, whichever is cheaper, if directions are not given.

Orders for less than 50 of one kind and size cannot be accepted except where noted. Fifty (50) of one kind and size sold at the 100 rate. Five hundred (500) or more at the 1,000 rate.

On orders for less than 1,000 add fifty cents (50c) package charge. No packing charge on special offers.

Cash or 50% deposit with all orders. Balance will be sent C.O.D.

When entire payment accompanies order a 2% cash discount is allowed. Discount does not apply to Plant Offer.

Write for special discount on orders of 25,000 or more seedlings and/or transplants.

We will ship as near date specified as weather permits.

Order your trees early to be assured of good planting stock.

Requests for adjustments and complaints must be made within 7 days after receipt of stock.

PLANT QUALITY STOCK.

NOTES

NOTES



RETURN POSTAGE GUARANTEED

Pikes Peak Nurseries

P. O. BOX 670

INDIANA, PENNSYLVANIA

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